



# **STIC Search Report**

## **EIC 2100**

**STIC Database Tracking Number: 118985**

**TO: Emmanuel Coffy**  
**Location: 5X18**  
**Art Unit : 2157**  
**Thursday, April 08, 2004**

**Case Serial Number: 09/724191**

**From: David Holloway**  
**Location: EIC 2100**  
**PK2-4B30**  
**Phone: 308-7794**

**david.holloway@uspto.gov**

### **Search Notes**

Dear Examiner Coffy,

Attached please find your search results for above-referenced case.  
Please contact me if you have any questions or would like a re-focused search.

David

Access DB# 118985  
25

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: EMMANUEL COFFY Examiner #: 80283 Date: 7APR04  
Art Unit: 2157 Phone Number 30 5-0325 Serial Number: 09/724191  
Mail Box and Bldg/Room Location: 5X18 Results Format Preferred (circle): PAPER DISK E-MAIL

**If more than one search is submitted, please prioritize searches in order of need.**

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Electronic Mail Apparatus

Inventors (please provide full names): Satoshi Machino  
Hiroshi Kurosaki

Earliest Priority Filing Date: Dec 2, 1999

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

*electronic mail apparatus using a destination table  
and a group table in determining mail recipients*

\*\*\*\*\*

### STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: _____	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: _____	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____

Set	Items	Description
S1	9627	EMAIL OR (ELECTRONIC OR E) ( ) (MAIL? OR MESSAG?) OR SMTP? OR OUTLOOK()EXPRESS? OR EUDORA
S2	12030	ADDRESS? OR RECIPIENT? OR RECEIV? OR DESTINATION?
S3	30384	GROUP? OR TEAM? OR BUNCH? OR SUBGROUP? OR COLLECTION? OR C-LASS? OR LIST?
S4	6714	TABLE? OR MATRIX? OR MATRICES OR ARRAY? OR TUPLE? OR CHART? OR ROW? ?(N)COLUMN?
S5	278	S4(2N) (MULTIPL? OR PLURAL? OR SEVERAL? OR SECOND OR 2ND OR ADDITIONAL OR MANY OR VARIOUS?)
S6	806	ADDRESSBOOK? OR ADDRESS()BOOK?
S7	11599	EXCLUDE? OR REMOVE? OR DESIGNAT? OR DESELECT? OR SELECT? OR INDICAT?
S8	29	S1 AND S3 AND S4 AND S7
S9	210	S1 AND S2 AND S3 AND S6
S10	4	S3(5N)S4 AND S8
S11	6	S9 AND S4
S12	9	S8 AND (S2 OR S6)
S13	18	S10 OR S11 OR S12
S14	12	S13 NOT PY>1999
S15	12	S14 NOT PD>19991202

File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Mar  
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15/3,K/7

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00096768 DOCUMENT TYPE: Review

PRODUCT NAMES: Quarterdeck Mail 4.0 (610143)

TITLE: StarNine ships Quarterdeck Mail 4

AUTHOR: Pearlstein, Joanna

SOURCE: MacWEEK, v10 n45 p14(2) Nov 25, 1996

ISSN: 0892-8118

HOME PAGE: <http://www.macweek.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20031125

...spell checker and supports Internet Config and Macintosh Drag and Drop. Users can chose a **collection** of messages to be saved as Hypertext Markup Language (HTML) files, with an included, automatically created **table** of contents. The Out of the Office feature responds to correspondents automatically. Users can **select** external **recipients** for messages, and the program knows if a message was already sent to an **addressee**. Quarterdeck Mail was completely revised, says product Manager Avi Rappoport, who notes that the program...

...680x0s only, and the new Quarterdeck Mail POP Conversion Servlet allows POP 3 clients, including **Eudora**, to gain access to Quarterdeck mailboxes.

DESCRIPTORS: Apple Macintosh; **E - Mail**; HTML; LANs; MacOS; Network Software

15/3,K/8

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00094542 DOCUMENT TYPE: Review

PRODUCT NAMES: GoldMine 3.2 (672068)

TITLE: GoldMine Hits the Mother Lode

AUTHOR: Powell, James E

SOURCE: Windows Magazine, v7 n11 p158(2) Nov 1996

ISSN: 1060-1066

HOME PAGE: <http://www.winmag.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

REVISION DATE: 20010630

...has improved significantly. This release offers many more useful features and is especially handy for **groups** that wish to share interactions with a customer. The program includes a built-in **e - mail** engine and can store clients' **e - mail addresses**, and an improved mail-merge feature has been added. An organizational **chart** function permits the user to organize individuals within a company hierarchically, and this release offers...

...year. Rescheduling can be done on a drag-and-drop basis, and a to-do **list** can be seen in a window on the calendar screen. The import utility is fairly...

...automated with a new Wizard. A new report writer has been included with a good **selection** of standard reports.

DESCRIPTORS: **Address Books**; CRM; Desk Accessories; **E - Mail**; IBM PC & Compatibles; Personal Information Management; Windows; Windows NT/2000

15/3,K/9

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00084608            DOCUMENT TYPE:   Review

**PRODUCT NAMES:**   **QuickMail Macintosh 3.5   (701921)**

**TITLE:**   **CE's QuickMail 3.5   charts   a new path with client upgrade**

**AUTHOR:**   Oski, Jonathan A

**SOURCE:**   MacWEEK,        v9 n45   p47(2) Nov 13, 1995

**ISSN:** 0892-8118

**HOME PAGE:**   <http://www.macweek.com>

**RECORD TYPE:**   Review

**REVIEW TYPE:**   Review

**GRADE:**   A

**REVISION DATE:**   20001130

**TITLE:**   **CE's QuickMail 3.5   charts   a new path with client upgrade**

...and message text. However, many real improvements have been added underneath the interface. CE has **removed** system extensions from the QuickMail client, and users now enjoy drag-and-drop text editing...  
...remarkably easy to use, and offers a handy button bar and hierarchical folder and message **lists** . Users can drag text in and out of mail messages from other applications. Unfortunately, it is not possible to verify **addresses** , and enclosures larger than 100KB cannot be dragged and dropped.

**DESCRIPTORS:**   Apple Macintosh;   **E - Mail** ; MacOS; Network Software

15/3,K/10

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00084147 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Project Windows Windows 95 (011167)

TITLE: **Precise Projections**

AUTHOR: Patz, Joel T

SOURCE: Windows Magazine, v6 n14 p154(1) Dec 1995

ISSN: 1060-1066

HOME PAGE: <http://www.winmag.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20020227

...transfer project information. Responsibilities can be assigned easily with Microsoft Exchange or another MAPI-compliant **address book**. The Resource Information dialog holds information about each **team** member, such as hourly rates or affiliations. The Gantt **chart** immediately reflects choices as they are made. After matching up tasks with **team** members, the **Team** Assign feature will automatically send an **e-mail** message to each member t

15/3,K/12

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2004 Info.Sources Inc. All rts. reserv.

00074383 DOCUMENT TYPE: Review

PRODUCT NAMES: E - Mail (830031); EDI (Electronic Data Interchange)  
(830052)

TITLE: A directory of E - Mail products and services that offer EDI...  
AUTHOR: Staff  
SOURCE: EDI World, v5 n1 p35(4) Jan 1995  
ISSN: 1055-0399

RECORD TYPE: Review  
REVIEW TYPE: Product Comparison  
GRADE: Product Comparison, No Rating

REVISION DATE: 20020227

PRODUCT NAMES: E - Mail (

TITLE: A directory of E - Mail products and services that offer EDI...  
...

E - mail vendors queried as to the electronic data interchange (EDI) functions of their products indicate that they either build dual messaging technologies or plan to do so in the near...

...of data inside one standard EDI transaction set. This means that EDI users can send e - mail and EDI data together, which reduces network administration costs. Both systems use the same backbone, which can equate to a 50 percent reduction in messaging system costs, if the e - mail and EDI transaction numbers are hypothetically equal. A comprehensive table lists products that combine EDI and e - mail for less costly transmission.

DESCRIPTORS: Communications Standards; Data Communications; E - Mail ;  
EDI (Electronic Data Interchange); Network Software



Set	Items	Description
S1	2577564	EMAIL OR (ELECTRONIC OR E) ( ) (MAIL? OR MESSAG?) OR SMTP? OR OUTLOOK()EXPRESS? OR EUDORA
S2	10810085	ADDRESS? OR RECIPIENT? OR RECEIV? OR DESTINATION?
S3	20928119	GROUP? OR TEAM? OR BUNCH? OR SUBGROUP? OR COLLECTION? OR C-LASS? OR LIST?
S4	5398324	TABLE? OR MATRIX? OR MATRICES OR ARRAY? OR TUPLE? OR CHART? OR ROW? ?(N)COLUMN?
S5	132616	S4(2N) (MULTIPL? OR PLURAL? OR SEVERAL? OR SECOND OR 2ND OR ADDITIONAL OR MANY OR VARIOUS?)
S6	47384	ADDRESSBOOK? OR ADDRESS()BOOK?
S7	9612411	EXCLUDE? OR REMOVE? OR DESIGNAT? OR DESELECT? OR SELECT? OR INDICAT?
S8	1671	S1(S)S3(S)S4(S)S7
S9	5	S1(5N)S2(5N)S3(5N)S5
S10	56	S1(S)S2(S)S3(S)S5
S11	29	S1(S)S2(S)S3(S)S5(S)S7
S12	34	S9 OR S11
S13	659	BULK() (EMAIL? OR REMAIL?)
S14	1	S13 AND S5
S15	1	S13(S)S4(S)S3
S16	36	S9 OR S11 OR S12 OR S14 OR S15
S17	27	RD (unique items)
S18	21	S17 NOT PY>1999
S19	21	S18 NOT PD=19991202:20011202
S20	21	S19 NOT PD=20011202:20040409
S21	262520	S1(3N) (PROGRAM? OR SYSTEM? OR APPLICATION? OR SOFTWARE?)
S22	283	S21 AND S8
S23	2	S21(10N)S2(10N)S5
S24	2	S21(S)S2(S)S3(S)S5
S25	3	S23 OR S24
S26	3	RD (unique items)
File	275:	Gale Group Computer DB(TM) 1983-2004/Apr 08 (c) 2004 The Gale Group
File	47:	Gale Group Magazine DB(TM) 1959-2004/Apr 08 (c) 2004 The Gale group
File	75:	TGG Management Contents(R) 86-2004/Mar W4 (c) 2004 The Gale Group
File	636:	Gale Group Newsletter DB(TM) 1987-2004/Apr 08 (c) 2004 The Gale Group
File	16:	Gale Group PROMT(R) 1990-2004/Apr 08 (c) 2004 The Gale Group
File	624:	McGraw-Hill Publications 1985-2004/Apr 08 (c) 2004 McGraw-Hill Co. Inc
File	484:	Periodical Abs Plustext 1986-2004/Apr W1 (c) 2004 ProQuest
File	813:	PR Newswire 1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	141:	Readers Guide 1983-2004/Apr (c) 2004 The HW Wilson Co
File	239:	Mathsci 1940-2004/May (c) 2004 American Mathematical Society
File	696:	DIALOG Telecom. Newsletters 1995-2004/Apr 07 (c) 2004 The Dialog Corp.
File	553:	Wilson Bus. Abs. FullText 1982-2004/Apr (c) 2004 The HW Wilson Co
File	621:	Gale Group New Prod.Annou.(R) 1985-2004/Apr 08 (c) 2004 The Gale Group
File	674:	Computer News Fulltext 1989-2004/Apr W1 (c) 2004 IDG Communications
File	88:	Gale Group Business A.R.T.S. 1976-2004/Apr 07 (c) 2004 The Gale Group
File	369:	New Scientist 1994-2004/Apr W1 (c) 2004 Reed Business Information Ltd.
File	160:	Gale Group PROMT(R) 1972-1989 (c) 1999 The Gale Group
File	635:	Business Dateline(R) 1985-2004/Apr 08 (c) 2004 ProQuest Info&Learning

File 15:ABI/Inform(R) 1971-2004/Apr 08  
    (c) 2004 ProQuest Info&Learning  
File 9:Business & Industry(R) Jul/1994-2004/Apr 07  
    (c) 2004 The Gale Group  
File 13:BAMP 2004/Mar W3  
    (c) 2004 The Gale Group  
File 810:Business Wire 1986-1999/Feb 28  
    (c) 1999 Business Wire  
File 647:CMP Computer Fulltext 1988-2004/Mar W4  
    (c) 2004 CMP Media, LLC  
File 98:General Sci Abs/Full-Text 1984-2004/Apr  
    (c) 2004 The HW Wilson Co.  
File 148:Gale Group Trade & Industry DB 1976-2004/Apr 08  
    (c)2004 The Gale Group

26/5/2 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03844412 Supplier Number: 48357387 (THIS IS THE FULLTEXT)

**SOFTQUAD: Softquad introduces Hotmetal Application Server**

M2 Presswire, pN/A

March 16, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1386

TEXT:

M2 PRESSWIRE-16 March 1998-SOFTQUAD: Softquad introduces Hotmetal Application Server (C)1994-98 M2 COMMUNICATIONS LTD

RDATE:130398

-- A powerful Web application development tool for Web developers and ISPs, plus two partner programs

New tool makes application development as easy as using industry-standard HTML tags; features XML-Compliant syntax, promotes commerce applications

SoftQuad, a leading provider of content publishing tools for the Internet and corporate intranets, launches its HoTMetaL Application Server (HMAS), a flexible new Web application development tool that empowers Web authors and Internet Service Providers (ISPs) to develop sophisticated, secure Web applications quickly and easily.

HoTMetaL Application Server is the first entirely new HoTMetaL product to be named after the award-winning Web authoring tool, HoTMetaL PRO. HMAS is available for 255 (+VAT) per server. ISPs can enrol as HoTMetaL Application Server Partners for the same price.

HMAS enables developers to create Web applications which make their sites more dynamic, interactive and functional, and allows them to build stronger ties with customers or suppliers. The product uses HTML-like syntax and therefore offers HTML programmers a familiar interface and productivity increases right from the start. Code can be easily viewed and edited, and appears as additional tags in HTML documents. There is no need to exit the HTML authoring environment to build applications, and no need to learn complicated scripting languages, such as Javascript or Visual Basic.

HMAS uses an XML-based syntax, which makes it the first standards-based extension of HTML for developing distributed Web applications. Applications built with it can extract data from databases and XML or HTML pages from across the Web and deliver that data back to the user's desktop. It can also manipulate the data before delivery and, for example, create charts, aggregate content or generate reports in the browser.

"This is enabling technology for the next generation of distributed Web applications, based on XML as the standard for data interchange," says Sandi Castle, European Marketing Manager, SoftQuad. "And with robust security and commerce features, HoTMetaL Application Server has the power to handle the most sophisticated Web applications. Users who are familiar with HTML will experience immediate productivity gains."

The product can be used with any HTML authoring tool, but is ideally suited for use with HoTMetaL PRO 4.0. HoTMetaL PRO's 'Rules Checking' feature validates Web developer's syntax as they go, reducing errors and cutting down on authoring time. It also offers a WYSIWYG interface, toolbar buttons, macros and other shortcuts.

Flexibility, Security, Scalability HoTMetaL Application Server is the fastest way to build secure, active documents with integrated database pages. It comes with a built-in native database that makes it faster, more secure and easier to use than ODBC.

This powerful integrated database uses standard file formats like FoxPro and Dbase, and allows files to be moved across different platforms without any conversion procedures. HMAS also supports ODBC, providing access to legacy data and corporate applications. The product offers users great flexibility, and comes complete with numerous templates, samples and such ready-to-use applications as discussion forums and online surveys, among others. Each pre-built application is fully customisable and includes

the full source code. SoftQuad plans to release additional application modules in the second quarter of 1998.

HotMetaL Application Server provides a complete security framework. Security can be set globally, by group, by domain or at the individual user level. ISPs and corporate Web masters alike can retain full control over the configuration of servers. Additionally, it is 100% Secure Socket Layer (SSL) compatible and boasts a compact memory footprint. It is highly efficient and scalable in a virtual hosting environment and has no negative impact on an ISP's cost-per-domain model. ISPs can use HMAS to add value and retain long-term customers with applications such as commerce, on-line catalogues, category-based searches, data validation forms, message forums and more.

The product also runs on multiple platforms, giving ISPs and corporate Web masters the platform independence and flexibility to select operating best suited to each application. Platforms supported include Solaris, SGI-IRIX, Linux, Unix, and FreeBSD. A Windows 95/NT version will be available early in the second quarter of 1998.

It also offers ready-to-use commerce functionality. Web developers can make use of commerce services such as payment processing, electronic software delivery and credit card fraud screening. HotMetaL Application Server comes with built-in support for SCMP Commerce API from CyberSource.

HotMetaL Application Server incorporates technology from HTML Script Corporation, and is 100 Percent compatible with the Miva engine and Miva scripts.

A free HotMetaL Power Pack is available to download at [www.softquad.co.uk](http://www.softquad.co.uk) for Web developers to start building applications immediately. This Pack consists of a new 'Rules File' that enhances HotMetaL PRO 4.0 for Web application building; the HotMetaL Personal Server, a developer's edition of the server that is ideal for testing and staging applications without having to upload files; plus some pre-configured and ready-to-use Web applications, and online help for assistance.

In addition to announcing the new application server product, SoftQuad is also introducing two new partner programs.

ISP-Focused HotMetaL Partner Programs The HotMetaL Partner Programs help ISPs retain long-term customers by enabling Web developers to create robust and sophisticated Web applications quickly and easily using a professional-grade, standards-based, supported Web tool.

ISPs can become one of two types of partner, either a HotMetaL Partner, or a HotMetaL Application Server Partner.

To become a HotMetaL Partner, an ISP simply joins the program and hosts Live Database Pages. LDPs are the easiest way for Web developers to create basic database forms and reports with drag-and-drop functionality. Valuable information, such as data from surveys, personnel **applications**, **email addresses** for mailing **lists** or newsletters can be queried and displayed, over the Web or an Intranet, by Webmasters in **various** ways, including **charts**, tables or graphs.

To become a HotMetaL Application Server Partner, the ISP must host the HotMetaL Application Server - the fastest way to build to sophisticated Web applications - at a cost of 255 (+VAT) per server.

By joining the HotMetaL Partner Programs, ISPs can offer both LDPs and HotMetaL Application Server to their customers to help them develop robust applications, including shopping baskets, on-line catalogues, category-based searches, data validation forms, and discussion forums. ISPs can differentiate their services from competitors and focus on retaining secure, long-term customer relationships.

"The HotMetaL Partner Programs represent a big opportunity for ISPs and their customers," says Sandi Castle. "Under the program, ISPs can increase their customer retention by offering valuable services their competitors don't. They'll also be working with a robust tool designed to support easy, efficient development of standards-based commerce applications."

Once they have joined, Partners receive a link from SoftQuad's Web site to theirs, along with a written profile including URL and logo, on the Partner area of SoftQuad's Web site. SoftQuad provides special discount offers for HotMetaL purchases, which ISPs can pass on to their customers. Each month SoftQuad will also choose a Partner of the Month, who will receive a more in-depth profile on the site.

Partners also will receive a HoTMetaL Partner or HoTMetaL Application Server Partner logo to display on their Web sites. SoftQuad will in turn support partners with periodic marketing campaigns, which may include direct mail, targeted direct e-mail and/or advertising.

To join the program, Partners must either host LDPs or the HoTMetaL Application Server, and display the Partner logo on their home page. Partners must also help promote the HoTMetaL brand by featuring it in their own marketing campaigns, such as mailings, advertisements and e-mailings, and they must also provide a special offer, such as discounts for hosting services, to SoftQuad customers. SoftQuad will then promote these offers.

About SoftQuad SoftQuad provides a broad range of multi-platform, standards-based software tools that help information creators, gatherers and providers create and publish information - on screen, paper, CD-ROM, and on the Internet/intranet. SoftQuad is a founding member and active participant in the World Wide Web Consortium, the Internet Engineering Task Force and Editorial Review Boards. Headquartered in Toronto, Canada, SoftQuad has additional sales offices across North America, and European operations based in London. For more information visit: [www.softquadco.uk](http://www.softquadco.uk).

CONTACT: Nancy Baynes/Lesley Stiles, Fodor Wyllie Associates Tel: +44 (0)181 541 4082 Fax: +44 (0)181 541 1248

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PUBLISHER NAME: M2 Communications

INDUSTRY NAMES: BUSN (Any type of business); INTL (Business, International)

Set	Items	Description
S1	24096	EMAIL OR (ELECTRONIC OR E) ( ) (MAIL? OR MESSAG?) OR SMTP? OR OUTLOOK()EXPRESS? OR EUDORA
S2	1913675	ADDRESS? OR RECIPIENT? OR RECEIV? OR DESTINATION?
S3	1127290	GROUP? OR TEAM? OR BUNCH? OR SUBGROUP? OR COLLECTION? OR C-LASS? OR LIST?
S4	796136	TABLE? OR MATRIX? OR MATRICES OR ARRAY? OR TUPLE? OR CHART? OR ROW? ?(N)COLUMN?
S5	32342	S4(2N) (MULTIPL? OR PLURAL? OR SEVERAL? OR SECOND OR 2ND OR ADDITIONAL OR MANY OR VARIOUS?)
S6	2645837	LINK? OR ASSOCIAT? OR COMBIN? OR TOGETHER? OR JOIN?
S7	173	S1 AND S2 AND S3 AND S4
S8	11	S1 AND S5 AND S6
S9	29	S7 AND S6
S10	103	S7 AND IC=(G06F-015/16 OR G06F-013/00)
S11	11488	S3(3N)S4
S12	27	S10 AND S11
S13	29	(S8 OR S9) AND IC=G06F?
S14	34	S3(3N)S4(5N)S2 AND S1
S15	16	S1(4N)S2(4N)S3(4N)S4
S16	5	S7 AND S5
S17	17	(S15 OR S16) AND IC=(G06F-015? OR G06F-013?)
S18	42	S13 OR S17
S19	42	IDPAT (sorted in duplicate/non-duplicate order)
S20	41	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Nov 1976-2003/Dec(Updated 040402)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200419

(c) 2004 Thomson Derwent

20/5/4 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

015488164 \*\*Image available\*\*  
WPI Acc No: 2003-550311/200352  
XRPX Acc No: N03-437622

**E-mail transmission method for e- group system, involves over-writing  
originator and destination fields of e - mails communicated by e-  
group with corresponding user addresses , using user-compatible table**

Patent Assignee: NEC CORP (NIDE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003186802	A	20030704	JP 2001384559	A	20011218	200352 B

Priority Applications (No Type Date): JP 2001384559 A 20011218

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003186802	A		9 G06F-013/00	

Abstract (Basic): JP 2003186802 A

NOVELTY - A user-compatible table which matches and stores user information and e-group addresses, is provided in an information file (104) of an e-mail exchange tool (100). The originator and destination header fields of the e-mails transmitted and received by an e-group (10), are over-written with corresponding user addresses, respectively, using the user-compatible table.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for e-mail transmission system.

USE - For transmitting e-mail in e-group system.

ADVANTAGE - Enables multiple users to share an e-mail address effectively without implementing any additional security measures, hence e-mail transmission cost in the e-group is also reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the e-mail transmission system. (Drawing includes non-English language text).

e-group (10)  
internet (30)  
server (50)  
client (51)  
LAN (52)  
e-mail exchange tool (100)  
mail transmission/reception unit (101)  
information file (104)  
pp; 9 DwgNo 1/3

Title Terms: MAIL; TRANSMISSION; METHOD; GROUP; SYSTEM; WRITING;

DESTINATION; FIELD; MAIL; COMMUNICATE; GROUP; CORRESPOND; USER; ADDRESS;  
USER; COMPATIBLE; TABLE

Derwent Class: T01

International Patent Class (Main): G06F-013/00

File Segment: EPI

20/5/10 (Item 10 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

013974794 \*\*Image available\*\*  
WPI Acc No: 2001-459007/200150  
XRPX Acc No: N01-340323

**Data network address resolution method using user defined labels,  
involves retrieving network address associated label received from  
user, from earliest accessed address table which contains label**

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: JAI B; MARTIN C E; SILBERSCHATZ A

Number of Countries: 028 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1118947	A1	20010725	EP 2000306693	A	20000807	200150	B
CA 2328118	A1	20010719	CA 2328118	A	20001212	200154	
JP 2001244989	A	20010907	JP 200110236	A	20010118	200166	
EP 1118947	B1	20030611	EP 2000306693	A	20000807	200346	
DE 60003278	E	20030717	DE 603278	A	20000807	200355	
			EP 2000306693	A	20000807		
US 6643658	B1	20031104	US 2000487516	A	20000119	200374	

Priority Applications (No Type Date): US 2000487516 A 20000119

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 1118947	A1	E 28	G06F-017/30	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

CA 2328118	A1	E	H04L-012/24	
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JP 2001244989	A	20	H04L-012/56	
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EP 1118947	B1	E	G06F-017/30	
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Designated States (Regional): DE FR GB IT

DE 60003278	E		G06F-017/30	Based on patent EP 1118947
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US 6643658	B1		G06F-017/30	
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Abstract (Basic): EP 1118947 A1

NOVELTY - A label is received from a user. **Several** address tables storing labels and **associated** network addresses indicating WWW or **electronic - mail** addresses are accessed in a search order designated by user. A network address **associated** with received label is retrieved from earliest accessed address table which contains the received label and transmitted to corresponding user.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Database;
- (b) Computer;
- (c) Network server operating method

USE - For resolving user defined labels into network addresses as world wide web (WWW) or **electronic - mail** addresses in internet.

ADVANTAGE - Allows multiple users to have same labels **associated** with different network addresses. If a network address **associated** with a label is updated in a particular user's address table, all users who share access to that particular user's address table get the benefit of updatation without making changes in their tables.

DESCRIPTION OF DRAWING(S) - The figure shows the relationship between data structures.

pp; 28 DwgNo 4/15

Title Terms: DATA; NETWORK; ADDRESS; RESOLUTION; METHOD; USER; DEFINE;  
LABEL; RETRIEVAL; NETWORK; ADDRESS; **ASSOCIATE** ; LABEL; RECEIVE; USER;  
ACCESS; ADDRESS; TABLE; CONTAIN; LABEL

Derwent Class: T01

International Patent Class (Main): **G06F-017/30** ; H04L-012/24; H04L-012/56

International Patent Class (Additional): **G06F-012/02**

File Segment: EPI



20/5/11 (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

013971043 \*\*Image available\*\*  
WPI Acc No: 2001-455256/200149  
XRPX Acc No: N01-337326

**Electronic mail device for personal computer, has controller to transmit e-mail to e-mail addresses within a group, depending on name of addresses input by user**

Patent Assignee: SHARP KK (SHAF )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001160007	A	20010612	JP 99343621	A	19991202	200149 B

Priority Applications (No Type Date): JP 99343621 A 19991202

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001160007	A		7 G06F-013/00	

Abstract (Basic): JP 2001160007 A

NOVELTY - An **address table** (11) stores **address** of **e - mail** matched with notation of an **addressee** . A memory (3) stores a **group table** (12) which matches **group** identification name with **e - mail addresses** . The **e - mail addresses** in a **group** designated for transmission of e-mail is classified, based on the name of **addresses** input by user. Based on the classification, a controller (2) transmits an electronic and e-mail.

USE - Electronic mail device for personal computer.

ADVANTAGE - Suppresses transmitting mistake of e-mail, hence operativity is improved. Avoids any mistake in e-mail transmission due to input of wrong addresses.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the processes in the electronic mail device. (Drawing includes non-English language text).

pp; 7 DwgNo 7/9

Title Terms: ELECTRONIC; MAIL; DEVICE; PERSON; COMPUTER; CONTROL; TRANSMIT; MAIL; MAIL; ADDRESS; GROUP; DEPEND; NAME; ADDRESS; INPUT; USER

Derwent Class: T01

International Patent Class (Main): G06F-013/00

File Segment: EPI

20/5/18 (Item 18 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

011950616 \*\*Image available\*\*  
WPI Acc No: 1998-367526/199832  
XRPX Acc No: N98-287503

**Data collecting systems using e - mail connected to computer network -  
inputs received data into predetermined cells of table based on link  
data generated by link unit**

Patent Assignee: CASIO COMPUTER CO LTD (CASK )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10143542	A	19980529	JP 96298922	A	19961111	199832 B

Priority Applications (No Type Date): JP 96298922 A 19961111  
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10143542	A	22	G06F-017/40	

Abstract (Basic): JP 10143542 A

The system (1) has a production unit (16) which produces a **table** containing **multiple** data cells. An editing unit (12) edits input data and data entry column of **table**. A card producing unit (15) produces a card based on the data on data entry column of cell selected by the editing unit from the **table**. A **link** unit (14) generates a **link** data corresponding to cell of **table** which is related to the data on data entry columns.

A transceiver performs transmission or reception of card data through **e - mail**. The data to be entered to data entry column of card is **received** by the transceiver. The **table** producing unit inputs the **received** data to predetermined cells of **table** corresponding to **link** data produced by the **link** unit.

ADVANTAGE - Collects different information automatically thereby eliminating necessity for manual **collection** of data. Arranges card data based on respective title name. Produces **tables** at different formats.

Dwg.2/16

Title Terms: DATA; COLLECT; SYSTEM; MAIL; CONNECT; COMPUTER; NETWORK; INPUT  
; **RECEIVE** ; DATA; PREDETERMINED; CELL; **TABLE** ; BASED; **LINK** ; DATA;  
GENERATE; **LINK** ; UNIT

Derwent Class: T01

International Patent Class (Main): **G06F-017/40**

International Patent Class (Additional): **G06F-013/00**

File Segment: EPI

20/5/19 (Item 19 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

011127223 \*\*Image available\*\*  
WPI Acc No: 1997-105147/199710  
XRPX Acc No: N97-086968

**Computer with E - mail facility - outputs information indicating  
connection impossibility between specified source and destination  
points based on connection verification result**

Patent Assignee: TOSHIBA KK (TOKE )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8339306	A	19961224	JP 95147060	A	19950614	199710 B

Priority Applications (No Type Date): JP 95147060 A 19950614

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8339306	A	5	G06F-009/46	

Abstract (Basic): JP 8339306 A

The computer operates with multi tasking functionality and carries out communication via **E - mail** utility, in the time interval between execution of several tasks. Along with a demand place task ID, contents of a demand output from a particular task is registered into a **table** .

Based on contents of this **table** , the demands issued with respect to a particular **destination** are **grouped together** . Then connection verification is performed between the **destination** and source and if one is not detected, then information indicating the same is output by the multitasking OS of the computer.

ADVANTAGE - Prevents dead lock generation during mail box usage.

Dwg.1/3

Title Terms: COMPUTER; MAIL; FACILITY; OUTPUT; INFORMATION; INDICATE;  
CONNECT; SPECIFIED; SOURCE; **DESTINATION** ; POINT; BASED; CONNECT;  
VERIFICATION; RESULT

Derwent Class: T01

International Patent Class (Main): **G06F-009/46**

International Patent Class (Additional): **G06F-015/16**

File Segment: EPI

20/5/21 (Item 21 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

009082127 \*\*Image available\*\*  
WPI Acc No: 1992-209544/199226  
XRPX Acc No: N92-158917

**Queue manager for electronic mail system - controls execution of requests, which include message and destination identification, for transport of messages from users to destinations**

Patent Assignee: BULL HN INFORMATION SYSTEMS INC (HONE )

Inventor: BATCHELOR R E

Number of Countries: 006 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 491367	A2	19920624	EP 91121635	A	19911217	199226 B
CA 2058022	A	19920620	CA 2058022	A	19911218	199236
EP 491367	A3	19930203	EP 91121635	A	19911217	199347
US 5278984	A	19940111	US 90629873	A	19901219	199403
EP 491367	B1	19961127	EP 91121635	A	19911217	199701
DE 69123334	E	19970109	DE 623334	A	19911217	199707
			EP 91121635	A	19911217	
CA 2058022	C	19980811	CA 2058022	A	19911218	199843

Priority Applications (No Type Date): US 90629873 A 19901219

Cited Patents: No-SR.Pub; US 4251684; US 4642756

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 491367	A2	E	25	G06F-013/14	
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Designated States (Regional): DE FR GB IT

US 5278984	A		14	G06F-007/06	
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EP 491367	B1	E	25	H04L-012/58	
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Designated States (Regional): DE FR GB IT

DE 69123334	E			H04L-012/58	Based on patent EP 491367
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CA 2058022	A			G06F-015/20	
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EP 491367	A3			G06F-013/14	
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CA 2058022	C			H04L-012/54	
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Abstract (Basic): EP 491367 A

The queue manager includes a queue (16) for storing pending requests, a dispatcher task (32) responsive to each request for creating a corresp. worker task (36) to execute the request and **associating** the worker task with a corresp. bound unit (40) for transporting the messages to the **destination** through communications **links**. The queue manager operation may be adapted to characteristics of the **destinations** and the communication **links**.

This involves **associating** a priority level with each request and storing a **table** containing an entry for each **destination**, which includes an identification of a bound unit for that **destination**. A set of descriptors are used to describe time windows during which a **destination** may **receive** messages. The descriptors indicate window priority, time open and economic quantity number. The dispatcher scans the **destination table** to determine current open windows, and the queue to identify pending requests for the open windows and calculates if the number of requests exceeds the economic quantity for the window. The requests are then executed with the number of requests satisfying the economic quantity.

ADVANTAGE - Improved adaptability to constraints of system resources, e.g. communication **link** and **recipient** resources. Increased reliability and simplified recovery from system failure. Decreased probability of messages being lost in system.

Dwg.2/2

Title Terms: QUEUE; MANAGE; ELECTRONIC; MAIL; SYSTEM; CONTROL; EXECUTE; REQUEST; MESSAGE; **DESTINATION**; IDENTIFY; TRANSPORT; MESSAGE; USER; **DESTINATION**

Derwent Class: T01; W01

International Patent Class (Main): G06F-007/06 ; G06F-013/14 ; G06F-015/20 ; H04L-012/54; H04L-012/58

20/5/36 (Item 36 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06290597 \*\*Image available\*\*  
**ELECTRONIC MAIL SYSTEM**

PUB. NO.: 11-232189 [JP 11232189 A]  
PUBLISHED: August 27, 1999 (19990827)  
INVENTOR(s): SAKATA NAOTAKE  
ITO NAOKO  
APPLICANT(s): MITSUBISHI ELECTRIC CORP  
APPL. NO.: 10-037368 [JP 9837368]  
FILED: February 19, 1998 (19980219)  
INTL CLASS: **G06F-013/00** ; H04L-012/54; H04L-012/58

#### ABSTRACT

PROBLEM TO BE SOLVED: To reduce the work load on a system operator when a server to be utilized is transferred while maintaining the use efficiency of a system maintained.

SOLUTION: The mail box of each user which is held and managed for every **group** unit is produced in servers 11 to 13. A system management server 14 is provided with a server name conversion information **table** 16 which **associates** the ID of each **group** with the names of the servers 11 to 13 on which mail boxes of users belonging to each **group** are mounted and is set up. A mail distribution **destination** specifying par 18 specifies a server that is an actual **destination** from **group** IDs included in a domain name which is designated to the **destination** of an incoming **electronic mail** based on the **table** 16. When a certain **group** is transferred to another server, the transfer of the servers of all users who belong to the **group** is realized only by changing the server name that corresponds to the **group** of the **table** 16.

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20/5/41 (Item 41 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

01485046 \*\*Image available\*\*  
**ELECTRONIC MAIL SYSTEM**

PUB. NO.: 59-196646 [JP 59196646 A]  
PUBLISHED: November 08, 1984 (19841108)  
INVENTOR(s): ISHIDA KATSUYO  
YOSHIMURA SUSUMU  
MATOBA TSUKASA  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 58-069184 [JP 8369184]  
FILED: April 21, 1983 (19830421)  
INTL CLASS: [3] H04L-011/00; **G06F-015/16** ; H04L-011/20  
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 29.4 (PRECISION  
INSTRUMENTS -- Business Machines); 45.4 (INFORMATION  
PROCESSING -- Computer Applications)  
JOURNAL: Section: E, Section No. 302, Vol. 09, No. 56, Pg. 101, March  
12, 1985 (19850312)

#### ABSTRACT

PURPOSE: To attain simply the designation of **address** by registering a diagram **associated** by a user at each **address** in advance, displaying a diagram **group** at the designation of **address** , and selecting a diagram among the diagrams in an **electronic mail** system.

CONSTITUTION: A mail communication device 100 is coupled to a data exchange network or a network via a communication line 108. Terminal devices 109-111 are connected to a controller 012 via a terminal controller 103 so as to execute the interface processing with the user in processings such as forming of an **address** picture, registration in pairs of **address** diagram and **address** , and **address** designation by means of the **address** diagram under the control of a diagram forming and display device 104 and a controller 102. The processing such as mail transmission and **receiving** is conducted by a communication controller 101 under the controller 102. An **address** corresponding **table** 106 and a terminal **table** 107 which are required managing information in progressing the processing are stored in a storage device 105.

Set	Items	Description
S1	2577564	EMAIL OR (ELECTRONIC OR E) ( ) (MAIL? OR MESSAG?) OR SMTP? OR OUTLOOK()EXPRESS? OR EUDORA
S2	10810085	ADDRESS? OR RECIPIENT? OR RECEIV? OR DESTINATION?
S3	20928119	GROUP? OR TEAM? OR BUNCH? OR SUBGROUP? OR COLLECTION? OR C-LASS? OR LIST?
S4	5398324	TABLE? OR MATRIX? OR MATRICES OR ARRAY? OR TUPLE? OR CHART? OR ROW? ?(N)COLUMN?
S5	132616	S4(2N) (MULTIPL? OR PLURAL? OR SEVERAL? OR SECOND OR 2ND OR ADDITIONAL OR MANY OR VARIOUS?)
S6	47384	ADDRESSBOOK? OR ADDRESS()BOOK?
S7	9612411	EXCLUDE? OR REMOVE? OR DESIGNAT? OR DESELECT? OR SELECT? OR INDICAT?
S8	1671	S1(S)S3(S)S4(S)S7
S9	5	S1(5N)S2(5N)S3(5N)S5
S10	56	S1(S)S2(S)S3(S)S5
S11	29	S1(S)S2(S)S3(S)S5(S)S7
S12	34	S9 OR S11
S13	659	BULK() (EMAIL? OR REMAIL?)
S14	1	S13 AND S5
S15	1	S13(S)S4(S)S3
S16	36	S9 OR S11 OR S12 OR S14 OR S15
S17	27	RD (unique items)
S18	21	S17 NOT PY>1999
S19	21	S18 NOT PD=19991202:20011202
S20	21	S19 NOT PD=20011202:20040409
File	275:	Gale Group Computer DB(TM) 1983-2004/Apr 08 (c) 2004 The Gale Group
File	47:	Gale Group Magazine DB(TM) 1959-2004/Apr 08 (c) 2004 The Gale group
File	75:	TGG Management Contents(R) 86-2004/Mar W4 (c) 2004 The Gale Group
File	636:	Gale Group Newsletter DB(TM) 1987-2004/Apr 08 (c) 2004 The Gale Group
File	16:	Gale Group PROMT(R) 1990-2004/Apr 08 (c) 2004 The Gale Group
File	624:	McGraw-Hill Publications 1985-2004/Apr 08 (c) 2004 McGraw-Hill Co. Inc
File	484:	Periodical Abs Plustext 1986-2004/Apr W1 (c) 2004 ProQuest
File	813:	PR Newswire 1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	141:	Readers Guide 1983-2004/Apr (c) 2004 The HW Wilson Co
File	239:	Mathsci 1940-2004/May (c) 2004 American Mathematical Society
File	696:	DIALOG Telecom. Newsletters 1995-2004/Apr 07 (c) 2004 The Dialog Corp.
File	553:	Wilson Bus. Abs. FullText 1982-2004/Apr (c) 2004 The HW Wilson Co
File	621:	Gale Group New Prod. Annou. (R) 1985-2004/Apr 08 (c) 2004 The Gale Group
File	674:	Computer News Fulltext 1989-2004/Apr W1 (c) 2004 IDG Communications
File	88:	Gale Group Business A.R.T.S. 1976-2004/Apr 07 (c) 2004 The Gale Group
File	369:	New Scientist 1994-2004/Apr W1 (c) 2004 Reed Business Information Ltd.
File	160:	Gale Group PROMT(R) 1972-1989 (c) 1999 The Gale Group
File	635:	Business Dateline(R) 1985-2004/Apr 08 (c) 2004 ProQuest Info&Learning
File	15:	ABI/Inform(R) 1971-2004/Apr 08 (c) 2004 ProQuest Info&Learning
File	9:	Business & Industry(R) Jul/1994-2004/Apr 07 (c) 2004 The Gale Group
File	13:	BAMP 2004/Mar W3 (c) 2004 The Gale Group

File 810:Business Wire 1999-1999/Feb 28

(c) 1999 Business Wire

File 647:CMP Computer Fulltext 1988-2004/Mar W4

(c) 2004 CMP Media, LLC

File 98:General Sci Abs/Full-Text 1984-2004/Apr

(c) 2004 The HW Wilson Co.

File 148:Gale Group Trade & Industry DB 1976-2004/Apr 08

(c)2004 The Gale Group



Set	Items	Description
S1	24096	EMAIL OR (ELECTRONIC OR E) ( ) (MAIL? OR MESSAG?) OR SMTP? OR OUTLOOK()EXPRESS? OR EUDORA
S2	1913675	ADDRESS? OR RECIPIENT? OR RECEIV? OR DESTINATION?
S3	1127290	GROUP? OR TEAM? OR BUNCH? OR SUBGROUP? OR COLLECTION? OR C-LASS? OR LIST?
S4	796136	TABLE? OR MATRIX? OR MATRICES OR ARRAY? OR TUPLE? OR CHART? OR ROW? ?(N)COLUMN?
S5	32342	S4(2N) (MULTIPL? OR PLURAL? OR SEVERAL? OR SECOND OR 2ND OR ADDITIONAL OR MANY OR VARIOUS?)
S6	757	ADDRESSBOOK? OR ADDRESS()BOOK?
S7	3004152	EXCLUDE? OR REMOVE? OR DESIGNAT? OR DESELECT? OR SELECT? OR INDICAT?
S8	115	S1 AND S3 AND S4 AND S7
S9	46	S1 AND S2 AND S3 AND S6
S10	4	S5 AND S8
S11	12	S3(N)S4 AND S8
S12	35	(S9 OR S10 OR S11) AND IC=(G06F-015? OR G06F-013?)
S13	13	S12 NOT AD>19991202
S14	13	IDPAT (sorted in duplicate/non-duplicate order)
S15	11	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Nov 1976-2003/Dec(Updated 040402)  
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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200419  
(c) 2004 Thomson Derwent

15/5/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

012727605 \*\*Image available\*\*

WPI Acc No: 1999-533718/199945

XRPX Acc No: N99-396423

Routing table setup system in E - mail system - has information  
table listed with identity of each group of users who access certain  
servers, and server name, based on which delivery address of mail is  
specified

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11232189	A	19990827	JP 9837368	A	19980219	199945 B

Priority Applications (No Type Date): JP 9837368 A 19980219

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11232189	A	7	G06F-013/00	

Abstract (Basic): JP 11232189 A

NOVELTY - The identity of each **group** of users who access the  
servers (11-13) and the server name established on user's mail box are  
**listed** in a server name conversion information **table** (16). A mail  
delivery tip **indicator** (18) of system management server (14)  
specifies the delivery address to server based on information in **table**

USE - In **E - mail** system.

ADVANTAGE - The system performs an efficient mail transfer by  
managing a **table listing** server information, thereby reducing the  
operation load of system implementation person. DESCRIPTION OF

DRAWING(S) - The figure shows the entire block diagram of the routing  
**table** setup system. (11-13) Servers; (14) System management server;  
(16) Information **table** ; (18) Mail delivery tip **indicator** .

Dwg.1/6

Title Terms: ROUTE; **TABLE** ; SYSTEM; MAIL; SYSTEM; INFORMATION; **TABLE** ;

**LIST** ; IDENTIFY; **GROUP** ; USER; ACCESS; SERVE; SERVE; NAME; BASED;

DELIVER; ADDRESS; MAIL; SPECIFIED

Derwent Class: T01; W01

International Patent Class (Main): **G06F-013/00**

International Patent Class (Additional): H04L-012/54; H04L-012/58

File Segment: EPI

15/5/6 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06797209 \*\*Image available\*\*  
SERVER SYSTEM AND METHOD FOR PROVIDING ADDRESS INFORMATION IN THE SERVER  
SYSTEM

PUB. NO.: 2001-024691 [JP 2001024691 A]  
PUBLISHED: January 26, 2001 (20010126)  
INVENTOR(s): FUKUMOTO YUJI  
APPLICANT(s): TOSHIBA CORP  
APPL. NO.: 11-189939 [JP 99189939]  
FILED: July 05, 1999 (19990705)  
INTL CLASS: H04L-012/54; H04L-012/58; G06F-013/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To enable a user to simply execute setting, operation and management by providing a shared address book storing address information shared by plural applications to a client.

SOLUTION: An information server 13 converts format of application service information according to the throughput of a communication network 16 capable of using application service information provided from an E - mail server 11, a groupware A server 12 and a groupware B server 14 via an access server 15 and the communication network 16 and that of a portable terminal and provides the format-converted information to the portable terminal. The server 13 has the function of information exchange. The server 13 is provided with a shared address book 13a and a personal address book A 13b. The shared address book 13a registers and manages the address information of mail addresses managed by respective programs for E mails, groupware A and groupware B in common.

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Set	Items	Description
S1	62131	EMAIL OR (ELECTRONIC OR E) ( ) (MAIL? OR MESSAG?) OR SMTP? OR OUTLOOK()EXPRESS? OR EUDORA
S2	1869705	ADDRESS? OR RECIPIENT? OR RECEIV? OR DESTINATION?
S3	7334092	GROUP? OR TEAM? OR BUNCH? OR SUBGROUP? OR COLLECTION? OR C-LASS? OR LIST?
S4	2608509	TABLE? OR MATRIX? OR MATRICES OR ARRAY? OR TUPLE? OR CHART? OR ROW? ?(N)COLUMN?
S5	59776	S4(2N) (MULTIPL? OR PLURAL? OR SEVERAL? OR SECOND OR 2ND OR ADDITIONAL OR MANY OR VARIOUS?)
S6	1244	ADDRESSBOOK? OR ADDRESS()BOOK?
S7	6566136	EXCLUDE? OR REMOVE? OR DESIGNAT? OR DESELECT? OR SELECT? OR INDICAT?
S8	206	S1 AND S3 AND S4 AND S7
S9	169	S1 AND S2 AND S3 AND S6
S10	0	S5 AND S8
S11	0	S1 AND S2 AND S3 AND S5 AND S7
S12	27	S1 AND S5
S13	59	S8 AND S2
S14	5	S8 AND S9
S15	121	S1 AND S2 AND S7 AND S4
S16	5	S8 AND S6
S17	18	S15 AND 3
S18	0	S13 AND S5
S19	49	S12 OR S14 OR S16 OR S17
S20	49	RD (unique items)
S21	35	S20 NOT PY>1999
File	8: Ei	Compendex(R) 1970-2004/Mar W4 (c) 2004 Elsevier Eng. Info. Inc.
File	35: Dissertation	Abs Online 1861-2004/Mar (c) 2004 ProQuest Info&Learning
File	202: Info. Sci. & Tech.	Abs. 1966-2004/Feb 27 (c) 2004 EBSCO Publishing
File	65: Inside	Conferences 1993-2004/Apr W1 (c) 2004 BLDSC all rts. reserv.
File	2: INSPEC	1969-2004/Mar W4 (c) 2004 Institution of Electrical Engineers
File	94: JICST-EPlus	1985-2004/Mar W3 (c) 2004 Japan Science and Tech Corp(JST)
File	111: TGG Natl. Newspaper	Index(SM) 1979-2004/Apr 08 (c) 2004 The Gale Group
File	233: Internet & Personal	Comp. Abs. 1981-2003/Sep (c) 2003 EBSCO Pub.
File	6: NTIS	1964-2004/Apr W1 (c) 2004 NTIS, Intl Cpyrght All Rights Res
File	144: Pascal	1973-2004/Mar W4 (c) 2004 INIST/CNRS
File	434: SciSearch(R)	Cited Ref Sci 1974-1989/Dec (c) 1998 Inst for Sci Info
File	34: SciSearch(R)	Cited Ref Sci 1990-2004/Apr W1 (c) 2004 Inst for Sci Info
File	99: Wilson Appl. Sci & Tech	Abs 1983-2004/Mar (c) 2004 The HW Wilson Co.

21/5/10 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00516052 98WB12-105

**Applications; got a hectic schedule? Juggling multiple projects? These tips will help you keep it all under control**

Windows Magazine Bonus Issues , December 15, 1998 , v6 n2 p83-111, 23  
Page(s)

ISSN: 1060-1066

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Provides over 300 tips on how best to use software applications with Windows, covering programs for contact management, accounting, project management, desktop publishing, graphics, presentations, diagnostics, e-mail , and suites. Targets tips to such specific programs as GoldMine, Sidekick, Peachtree Accounting 6, Project 98, PageMaker 6.5, Ventura 8, CorelDRAW 8, PowerPoint 97, WinTune, Eudora Pro EMail , Word 97, Lotus 1-2-3, and Quattro Pro, and includes shortcut tables for several programs. Advises how to add icons to the ACT 4.0 toolbar, find QuickBooks 6.0 invoices quickly, save CorelDRAW 8 images as GIF files with a transparent background, and delay delivery of Netscape Messenger messages. Also offers suggestions for such situations as saving a search in Outlook 98, making a quick spreadsheet database count in Excel 97, and using Quick Styles to save time in WordPerfect. Includes 22 tables of software shortcuts, two screen displays, and one sidebar. (jo)

Descriptors: Computer Instruction; Contact Manager; Accounting; Project Management; Desktop Publishing; Graphics; Diagnostics

21/5/13 (Item 4 from File: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2003 EBSCO Pub. All rts. reserv.

00498734 98MQ06-001

**Mobile mail mates -- Who manages your messages while you're out of the office? You can, by enlisting the help of one of these 9 e - mail clients**  
Varhol, Peter D; Varhol, Pamela H

Mobile Computing & Communications , June 1, 1998 , v9 n6 p96-105, 9

Page(s)

ISSN: 1047-1952

Company Name: Qualcomm

URL: <http://www.qualcomm.com/eudora>

Product Name: **Eudora** Pro CommCenter 4.0

Languages: English

Document Type: Buyer and Vendor Guide

Grade (of Product Reviewed): A

Geographic Location: United States

Presents a buyers' guide to **e - mail** clients. Provides information from nine vendors offering nine services. Says **e - mail** is the bread and butter of network communications, both on a LAN and across the Internet. Provides a **chart** comparing product, system requirements, memory, hard-disk space, **address book**, spell checker, compression, contact manager, digital signatures, displays graphics within text of message, encryption/decryption, hierarchical folders, HTML mail, LDAP synchronization, message formatting, message preview, multiple **e - mail** accounts, **selective** downloading of message, stationery, virus protection, Web links, define priorities, sort messages, and standards supported for the nine products. Says Qualcomm Inc.'s **Eudora** Pro CommCenter 4.0 (\$59) earned a First **Class** Award. Contains ten screen displays, one **chart**, and one sidebar. (EB)

Descriptors: **Electronic Mail** ; Internet; World Wide Web; Local Area Networks; Hard Disk Drive

Identifiers: **Eudora** Pro CommCenter 4.0; Qualcomm

21/5/17 (Item 8 from file: 233)  
DIALOG(R) File 233: Internet & Personal Comp. Abs.  
(c) 2003 EBSCO Pub. All rts. reserv.

00406396 95IW12-112

**SureTrak bolsters resources, multiple projects**

Heck, Mike

InfoWorld , December 11, 1995 , v17 n50 p128, 1 Page(s)

ISSN: 0199-6649

Company Name: Primavera Systems

Product Name: SureTrak Project Manager

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows;

Microsoft Windows 95; Microsoft Windows NT

Geographic Location: United States

Presents a favorable review of SureTrak Project Manager v1.5 (\$695), a project manager from Primavera Systems Inc. of Bala Cynwyd, PA (800, 610). Runs on IBM PC compatibles with Windows 3.x, 95, or NT. Explains that SureTrak Project Manager allows you to **select** from industry-standard templates, and such comprehensive numbering sets make it relatively easy to **select** , sort, and group activities. States that SureTrak provides full Open Database Connectivity, and its wizards help you manage multiple projects and activity coding. Features include OLE capabilities, **E - mail** Broadcast for building **E - mail addresses** into activity codes, and the ability to easily share a common pool of resources and optimize resource schedules across projects. However, complains that SureTrak does not offer PERT data entry or **charting** , and is not Windows 95-compliant. Includes a product summary. (jo)

Descriptors: Project Management; Window Software; Software Review; Personnel; Management

Identifiers: SureTrak Project Manager; Primavera Systems

21/5/21 (Item 12 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2003 EBSCO Pub. All rts. reserv.

00351360 94PM06-011

**LANTastic 6.0 beats Personal NetWare 1.0: time to give in to peer pressure**

Vaughan-Nichols, Steven J  
PC/Computing , June 1, 1994 , v7 n6 p89, 99, 2 Page(s)  
ISSN: 0899-1847  
Company Name: Artisoft; Novell  
Product Name: LANTastic; Personal NetWare  
Languages: English  
Document Type: Buyer and Vendor Guide  
Grade (of Product Reviewed): B; C  
Hardware/Software Compatibility: IBM PC Compatible  
Geographic Location: United States

Provides a favorable review of LANTastic 6.0 (\$519) from Artisoft (800), and a mixed review of Personal NetWare 1.0 (\$395 for 5-user version) from Novell (800), two peer-to-peer network operating systems. Both require a PC with an 8088 or higher processor plus 4MB RAM; LANTastic needs 7.7MB disk space while Personal NetWare only takes up 5MB. Says **groupware** is one of LANTastic's major strengths, with an **e - mail** feature that includes a variety of mailing **lists** , a spell-checker, an **address book** , and a **group** scheduler. Says the program is very easy to install, and integrates quickly with many servers. **Indicates** that Personal NetWare is hard to install, and notes it may be best suited to situations where the users want to retain **e - mail** or scheduling packages they already own. Concludes that LANTastic is a good choice, especially if both NetWare and non-NetWare servers are involved. Includes one performance **chart** , six screen displays, and product summaries. (cld)

Descriptors: Network Operating Systems; Workgroup Computing; Local Area Networks; Enterprise Computing; Software Review

Identifiers: LANTastic; Personal NetWare; Artisoft; Novell



Set	Items	Description
S1	29072	EMAIL OR (ELECTRONIC OR E) ( ) (MAIL? OR MESSAG?) OR SMTP? OR OUTLOOK()EXPRESS? OR EUDORA
S2	821939	ADDRESS? OR RECIPIENT? OR RECEIV? OR DESTINATION?
S3	933658	GROUP? OR TEAM? OR BUNCH? OR SUBGROUP? OR COLLECTION? OR C-LASS? OR LIST?
S4	735814	TABLE? OR MATRIX? OR MATRICES OR ARRAY? OR TUPLE? OR CHART? OR ROW? ?(N)COLUMN?
S5	76459	S4(2N)(MULTIPL? OR PLURAL? OR SEVERAL? OR SECOND OR 2ND OR ADDITIONAL OR MANY OR VARIOUS?)
S6	1866	ADDRESSBOOK? OR ADDRESS()BOOK?
S7	1419355	EXCLUDE? OR REMOVE? OR DESIGNAT? OR DESELECT? OR SELECT? OR INDICAT?
S8	13	S1(10N)S2(10N)S3(10N)S5
S9	622	S1(S)S2(S)S3(S)S4(S)S7
S10	22	S1(15N)S2(15N)S3(15N)S5
S11	128	S1(S)S2(S)S3(S)S5
S12	6	S1(S)S6(S)S5
S13	27	S8 OR S10 OR S12
S14	22	S11 AND IC=(G06F-015? OR G06F-013?)
S15	24	S13 AND IC=G06F?
S16	41	S14 OR S15
S17	19	S16 NOT AD>19991202
S18	19	IDPAT (sorted in duplicate/non-duplicate order)
S19	19	IDPAT (primary/non-duplicate records only)

File 348:EUROPEAN PATENTS 1978-2004/Mar W04  
(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040401,UT=20040325  
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19/5,K/10 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00557612 \*\*Image available\*\*

CONVERSION OF DATA REPRESENTING A DOCUMENT TO OTHER FORMATS FOR  
MANIPULATION AND DISPLAY  
CONVERSION DE DONNEES REPRESENTANT UN DOCUMENT EN D'AUTRES FORMATS A DES  
FINS DE MANIPULATION ET D'AFFICHAGE

Patent Applicant/Assignee:

BCL COMPUTERS INC,

Inventor(s):

ALAM Hassan,  
TUPAJ Scott,  
KOICHI Ariyoshi,  
HARTONO Rachmat,  
TJAHJADI Timotius,  
WIDJAJA Hanyen,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200020985 A1 20000413 (WO 0020985)

Application: WO 99US19253 19990820 (PCT/WO US9919253)

Priority Application: US 98102688 19981001; US 99346786 19990707

Designated States: CN JP RU AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE

Main International Patent Class: G06F-015/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14940

#### English Abstract

A computer (101) implemented method (300) of converting a document in an input format (304) to a document in a different output format is disclosed. The method generally comprises locating data in the input document, grouping data into one or more intermediate format blocks in an intermediate format document (402), and converting the intermediate format document to the output format (404) document using the intermediate format blocks (518). Each intermediate format block may be paragraph, a line, a word, a table, or an image. The input document may be received over a network and the output document is sent over the network. A linked table of contents and/or an index may be generated. A computer executable program may be generated and inserted into the output document for selecting one output format for displayed (534). The output document may be displayed by locating sub-page breaks in the document, subdividing the document into sub-pages using the sub-pages breaks, locating blocks within each sub-page, and sequentially displaying all or a portion of each block of the sub pages within display parameters of a display configuration. Tables may be divided to be displayed in more than one display page. The converter (532) may be incorporated in a computer program product for maintaining a repository of input documents in one or more storage formats.

#### French Abstract

L'invention concerne un procede (300), mis en oeuvre sur ordinateur (101), de conversion d'un document ayant un format d'entree (304) en un document ayant un format de sortie different. Le procede consiste, d'une maniere generale, a localiser des donnees dans le document d'entree, a grouper les donnees en un ou plusieurs blocs de format intermediaire, dans un document (402) de format intermediaire, et a convertir le document de format intermediaire en document de format de sortie (404) a l'aide des blocs (518) de format intermediaire. Chaque bloc de format intermediaire peut etre un paragraphe, une ligne, un mot, une table ou une image. Le document d'entree peut etre recu par un reseau et le document de sortie est envoye sur le reseau. Une table des matieres et/ou un index relies peuvent etre produits. Un programme informatique peut etre produit et insere dans le document de sortie afin de selectionner un format de sortie a afficher (534). Le document de sortie peut etre

affiche par disposition d'interruptions de sous-pages dans le document, subdivision du document en sous-pages a l'aide des interruptions de sous-page, localisation de blocs a l'interieur de chaque sous-page, et affichage sequentiel de tout ou partie de chaque bloc des sous-pages dans les perimetres d'affichage d'une configuration d'affichage. Les tables peuvent etre divisees afin d'etre affichees dans plus d'une page d'affichage. Le convertisseur peut etre incorpore a un produit de programme informatique afin de mettre a jour un gisement de documents d'entree en un ou plusieurs formats de stockage.

Main International Patent Class: **G06F-015/00**

Fulltext Availability:

Claims

Claim

... The computer implemented method of claim 1 0, wherein the network is selected from the **group** consisting of Internet and an intranet.

12 The computer implemented method of claim 1 1, wherein the **receiving** and the sending is via **electronic mail** .

13 The computer implemented method of claim 10, further comprising locating headings of the first document; generating a table of contents page containing the headings in the **second** format, each **table** of contents heading containing a link to the heading contained in the document; and placing..

uniquement des utilisateurs de sa liste de destinataires. Selon d'autres modes de realisation, des utilisateurs appliquent une mise en correspondance des criteres reciproques et des criteres de profils de message a d'autres forums de groupes, tels que des groupes de presse, une messagerie telephonique, une messagerie instantanee, une discussion, des groupes de discussion sur le reseau, et des rendez-vous de jeux en direct.

Main International Patent Class: **G06F-015/16**

Fulltext Availability:

Detailed Description

Detailed Description

... a variety of pricing models, such as monthly charge, volume of

26

messages sent or **received**, etc. **Additional tables** would store information to aid in tracking these changes. The billing mechanism would periodically process the information to generate bills for users.

There are many other features of **electronic mailing list** systems such as Majordomo and Listserv that are well known to those skilled in the...

19/5,K/14 (Item 14 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00472992 \*\*Image available\*\*

**APPARATUS AND METHOD FOR EFFECTING CORRESPONDENT-CENTRIC ELECTRONIC MAIL  
DISPOSITIF ET PROCEDE PERMETTANT DE METTRE EN OEUVRE UN COURRIER  
ELECTRONIQUE CENTRE ATOUR DU CORRESPONDANT**

Patent Applicant/Assignee:

NET EXCHANGE INC,  
MILLER Stephen S,  
ROSS Lewis Edward,  
SHAALAN Mohammed S,

Inventor(s):

MILLER Stephen S,  
ROSS Lewis Edward,  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 9904344 A1 19990128

Application: WO 98US14886 19980718 (PCT/WO US9814886)

Priority Application: US 9753070 19970718

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG

MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ

VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH

CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW

ML MR NE SN TD TG

Main International Patent Class: G06F-013/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10148

**English Abstract**

Techniques to make e-mail correspondent-centric rather than message-centric (985-999), and reduce junk e-mail (1001-1091). Tabulates (985-999), maintains (985-999), and updates (115(a), 115(b), ..., 115(n), 215) useful information about the user's chosen correspondents, and the history and status of each correspondence series. Filters incoming messages from an unrecognized sender (1013-1031, 1061-1075), asking user (1019) whether to add sender to correspondent list, and if so prompts user (1023) for needed information. Eliminates the need to search for e-mail addresses. Facilitates viewing sequential messages to and from a correspondent. Provides an effective tool to eliminate junk-mail (1013-1031, 1061-1075) by making it simpler and more practical to screen messages or change one's e-mail address. When user (121(a), 121(b), 121(c)) changes his e-mail address, automates notification of user's chosen correspondents, and in some cases can automatically update such correspondents'e-mail address lists. Eliminates need to manually create and maintain mailboxes or folders (985-999). Allows automated organization of e-mail by correspondent (701-711, 215). Is easier to learn and use than previous forms of e-mail.

**French Abstract**

L'invention a trait a des techniques permettant de creer un courrier electronique centre sur le correspondant plutot que sur le message (985-999) et de reduire le courrier electronique importun (1001-1091). Grace a la technique selon l'invention, il est possible de mettre en tableaux (985-999) et mettre a jour (985-999, 115(a), 115(b), ..., 115(n), 215) les informations utiles concernant les correspondants choisis par l'utilisateur, ainsi que l'historique et l'etat de chaque serie de correspondance; de filtrer les messages entrants provenant d'un expéditeur non reconnu (1013-1031, 1061-1075) en demandant a l'utilisateur (1019) s'il faut ajouter ledit expéditeur a la liste des correspondants et, dans l'affirmative, d'inviter l'utilisateur (1023) a fournir les informations necessaires; de supprimer le recours a la recherche des adresses de courrier electronique; de faciliter la

visualisation des messages sequentiels a destination et provenance d'un correspondant; de fournir un instrument efficace permettant de supprimer le courrier importun (1013-1031, 1061-1075) en rendant cet instrument plus facile et plus pratique du point de vue de l'affichage des messages et de la modification de son adresse de courrier electronique; lorsque l'utilisateur (121(a), 121(b), 121(c)) modifie on adresse de courrier electronique, d'automatiser la notification des correspondants choisis par l'utilisateur et, dans certains cas, de pouvoir mettre a jour automatiquement ces listes de correspondants et d'adresses de courrier electronique; de supprimer le recours a la creation et a la mise a jour manuelles des boites aux lettres ou des dossiers (985-999); de permettre l'organisation automatisee du courrier electronique par le correspondant (701-711, 215). Cette technique est plus facile a assimiler et a utiliser que les versions precedentes de courrier electronique.

Main International Patent Class: **G06F-013/00**

Fulltext Availability:

Detailed Description

Detailed Description

... Box type.

Types of E-Mail Boxes which the invention uses included Trusted (meaning the **address** is used only for correspondence with correspondents E-Mail Box 987. The minimum information which...

...each correspondent which is maintained in the User-Correspondent data table is the correspondent's **e - mail** 32

**address** . Other information about correspondents in the User Correspondent data table may include first and last name, description, comments, phone, **address** , etc.

Note that Correspondent data **table** 989 embodies **several** key innovations in the Invention. (1) Whereas in the prior art, each **e - mail address** on an **e - mail address list** must be consciously entered by the user, in the Invention the Correspondent data table becomes an e-mail address **list** , and the system automatically creates posts an entry to the Correspondent data table for any...

...10A, 10D, and 10C below). This feature greatly simplifies the task of keeping track of **e - mail addresses** . (2) Correspondent data table 989 can maintain additional information about correspondents, which can be displayed...

19/5,K/15 (Item 15 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00447014 \*\*Image available\*\*

**GROUP ACTION PROCESSING BETWEEN USERS**

**PROCEDE ET DISPOSITIF PERMETTANT LE TRAITEMENT D'UNE INTERVENTION DE GROUPE  
ENTRE DES UTILISATEURS D'UN SYSTEME DE COLLABORATION**

Patent Applicant/Assignee:

ACTIONEER INC,

Inventor(s):

SMIGA Brian,  
BUCHHEIM Dennis,  
HAGAN Thomas,  
WADHWANI David,  
STORKEL Norman Scott,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9837478 A2 19980827

Application: WO 98US2921 19980210 (PCT/WO US9802921)

Priority Application: US 97798522 19970210

Designated States: AL AM AT AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ DE DE

DK DK EE EE ES FI FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK SL

TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ

MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF

CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-017/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 23518

**English Abstract**

The present invention includes an apparatus and method for processing text expressions in a computer system, the apparatus including: 1) an object database defining an information object with an associated keyword (107, 108); 2) a user input device for receiving an input text expression (200); 3) a parsing device for identifying the keyword in the input text expression (300), the parsing device including functions for linking the input text expression to the information object based on the keyword identified in the input text expression; and 4) a user output device for displaying to the user the identity of the information object to which the input text expression was linked (121). The apparatus of the present invention further includes a method and apparatus for collaboration between users of a time and project management system (400).

**French Abstract**

La presente invention concerne une organisation d'informations basees sur le langage naturel et un instrument de collaboration pour systeme informatique. La presente invention concerne un dispositif et un procede qui permettent de traiter des expressions textuelles dans un systeme informatique. Le dispositif comporte 1) une base de donnees objet definissant une information objet associee a un mot cle; 2) une unite peripherique d'entree utilisateur destinee a recevoir une expression textuelle d'entree; 3) un appareil d'analyse permettant d'identifier le mot cle dans l'expression textuelle d'entree, ledit appareil presentant, notamment, des fonctions permettant de lier l'expression textuelle d'entree a l'information objet basee sur le mot cle identifie dans l'expression textuelle d'entree; 4) une unite peripherique de sortie utilisateur destinee a afficher a l'utilisateur l'identite de l'information objet a laquelle l'expression textuelle d'entree etait liee. Le dispositif de la presente invention comporte en outre des informations supplementaires situees dans la base de donnees objet qui sont associees a l'information objet. L'unite peripherique de sortie utilisateur comporte en outre des fonctions permettant de visualiser les informations supplementaires lorsqu'un mot cle correspondant est identifie dans l'expression textuelle d'entree. Par ailleurs, le dispositif de la presente invention comporte un procede et un appareil

permettant la collaboration entre les utilisateurs d'un systeme de gestion de temps et de projets.

Main International Patent Class: **G06F-017/00**

Fulltext Availability:

Detailed Description

Detailed Description

... generated, to contain the action request. The envelope includes a subject, and links to the **list** item, as well as the **e - mail addresses** of **recipients** . Below, only the actions occurring in Brian's system are described. However, similar activity occurs in Tom's system.

When Brian **receives** the action request, **several** Link **table** entries are created for the new action request. These Link table entries parallel the entries...



19/5,K/11 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00552836 \*\*Image available\*\*

**DYNAMIC MATCHING<sup>TM</sup> OF USERS FOR GROUP COMMUNICATION**  
**CORRESPONDANCE DYNAMIQUE<sup>TM</sup> DES UTILISATEURS POUR LA COMMUNICATION EN GROUPE**

Patent Applicant/Assignee:

LOCAL2ME COM INC,  
OLIVIER Michael,

Inventor(s):

OLIVIER Michael,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200016209 A1 20000323 (WO 0016209)

Application: WO 99US21589 19990915 (PCT/WO US9921589)

Priority Application: US 98100387 19980915; US 99115566 19990112; US  
99143947 19990715

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY  
KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: **G06F-015/16**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 15766

**English Abstract**

A method for users to exchange group electronic mail by establishing individual profiles and criteria (302) for determining individualized groups. Users establish subscription (208) to an electronic mailing list (204) by specifying user profiles and profile criteria (302) to screen users. When a user subscribes (208), a web server (346) establishes and stores an individualized list (204) of subscribers (208) who form a mutual criteria match with the user. When the user then sends a message to the mailing list (210), an email server (354) filters her recipient list down to a message distribution list using each recipient's message criteria (302). The message is then distributed to matching users. Additionally, email archives and information contributions from users are stored in a database. A web server creates an individualized set of web pages for a user from the database, containing contributions only from users in his recipient list. In other embodiments, users apply mutual criteria matching and message profile criteria to other group forums, such as newsgroups, voicemail, instant messaging, chat, web-based discussion boards, and online gaming rendezvous.

**French Abstract**

L'invention concerne un procede permettant a des utilisateurs d'echanger du courrier electronique en groupe en etablissant des criteres et profils individuels (302) de maniere a determiner des groupes individualises. Les utilisateurs s'abonnent (208) a une liste d'adresses electronique en specifiant des profils d'utilisateur et des criteres de profils (302) afin de selectionner d'autres utilisateurs. Quand un utilisateur s'abonne (208), un serveur reseau (346) etablit et stocke une liste individualisee (204) d'abonnes (208) dont des criteres correspondent a ceux de l'utilisateur. Quand l'utilisateur envoie un message a la liste (210) d'adresses, un serveur (354) de courrier electronique filtre sa liste de destinataires jusqu'a une liste de distribution de messages en utilisant un critere (302) du message de chaque destinataire. Le message est ensuite distribue aux utilisateurs correspondants. De plus, des archives de courrier electronique et des contributions d'informations venant des utilisateurs sont stockees dans une base de donnees. Un serveur reseau cree une serie individualisee de pages reseau destinee a un utilisateur a partir de la base de donnees, contenant des contributions provenant

Set	Items	Description
S1	37	AU=(MACHINO S? OR MACHINO, S?)
S2	177	AU=(KUROSAKI H? OR KUROSAKI, H?)
S3	0	S1 AND S2
S4	10	(S2 OR S1) AND IC=G06F-015?
S5	1	(S1 OR S2) AND (EMAIL OR (E OR ELECTRONIC) () (MAIL? OR MESS- AG?) OR SMTP? OR OUTLOOK?)
S6	11	S4 OR S5
S7	11	IDPAT (sorted in duplicate/non-duplicate order)
S8	11	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Nov 1976-2003/Dec(Updated 040402)  
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File 348:EUROPEAN PATENTS 1978-2004/Mar W04  
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**ELECTRONIC MAIL DEVICE**

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#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an **electronic mail** device, capable of improving operability and suppressing the transmission miss of an **electronic mail**.

SOLUTION: A single or plural destinations (registered) corresponding to a group designated as the destinations of transmission of **electronic mails** are classified according to whether designations are noted in **electronic mails** to be transmitted, and the transmission of the **electronic mails** is operated based on the classified result. Therefore, it is possible to automatically classify the destinations into the designations, to which the **electronic mails** should be transmitted and the other destinations according to whether the designations are noted in the **electronic mails**. Thus, it is possible to reduce the load on a user.

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Set	Items	Description
S1	10	AU=(MACHINO S? OR MACHINO, S?)
S2	184	AU=(KUROSAKI H? OR KUROSAKI, H?)
S3	0	S1 AND S2
S4	0	(S1 OR S2) AND (EMAIL OR (E OR ELECTRONIC) () (MAIL? OR MESS- AG?) OR SMTP? OR OUTLOOK?)
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